

#10

Lefters



1600

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/600,392

DATE: 03/04/2002
TIME: 09:06:09

Input Set : A:\SEQ.LIST.app
Output Set: N:\CRF3\03042002\I600392.raw

ENTERED

```

3 <110> APPLICANT: PHARMACIA & UPJOHN COMPANY
4     Quinn, Cheryl L.
5     Ford, Charles W.
7 <120> TITLE OF INVENTION: AN AUTOREGULATORY SYSTEM FOR VALIDATING MICROBIAL GENES
8     AS POSSIBLE ANTIMICROBIAL TARGETS USING A
9     TETRACYCLINE-CONTROLLABLE ELEMENT
11 <130> FILE REFERENCE: 6137.P US
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/600,392
C--> 14 <141> CURRENT FILING DATE: 2000-07-16
16 <150> PRIOR APPLICATION NUMBER: 60/071,640
17 <151> PRIOR FILING DATE: 1998-01-16
19 <160> NUMBER OF SEQ ID NOS: 45
21 <170> SOFTWARE: PatentIn Ver. 2.1
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 31
25 <212> TYPE: DNA
26 <213> ORGANISM: Artificial Sequence
28 <220> FEATURE:
29 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
30     Oligonucleotides
32 <400> SEQUENCE: 1
33 acgcacgagc tcgggttcag atggcattgt c          31
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 26
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
43     Oligonucleotides
45 <400> SEQUENCE: 2
46 ggggtacccc ctctgcaaat gtcaaa          26
49 <210> SEQ ID NO: 3
50 <211> LENGTH: 30
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
56     Oligonucleotides
58 <400> SEQUENCE: 3
59 acgcacgagc tcagatcttc gcttgtgcgg          30
62 <210> SEQ ID NO: 4
63 <211> LENGTH: 28
64 <212> TYPE: DNA

```

RAW SEQUENCE LISTING DATE: 03/04/2002
PATENT APPLICATION: US/09/600,392 TIME: 09:06:09

Input Set : A:\SEQ.LIST.app
Output Set: N:\CRF3\03042002\I600392.raw

65 <213> ORGANISM: Artificial Sequence
67 <220> FEATURE:
68 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
69 Oligonucleotides
71 <400> SEQUENCE: 4
72 ggggtacccg ctgaagagat agcgattg 28
75 <210> SEQ ID NO: 5
76 <211> LENGTH: 33
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82 Oligonucleotides
84 <400> SEQUENCE: 5
85 acgcacgagc tcttcagaa atgttcgggtt atg 33
88 <210> SEQ ID NO: 6
89 <211> LENGTH: 28
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial Sequence
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
95 Oligonucleotides
97 <400> SEQUENCE: 6
98 ggggtaccaa atttatctt catgatag 28
101 <210> SEQ ID NO: 7
102 <211> LENGTH: 21
103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
108 Oligonucleotides
110 <400> SEQUENCE: 7
111 caggtagacgc agtaagtaag c 21
114 <210> SEQ ID NO: 8
115 <211> LENGTH: 21
116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
121 Oligonucleotides
123 <400> SEQUENCE: 8
124 gtcaaacgtga gcgttgtac g 21
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 54
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134 Oligonucleotides

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/600,392

DATE: 03/04/2002

TIME: 09:06:09

Input Set : A:\SEQ.LIST.app
Output Set: N:\CRF3\03042002\I600392.raw

136 <400> SEQUENCE: 9
137 cgaagtttga tagatgatac attctattaa acttcctttt tttatgctct gaaa 54
140 <210> SEQ ID NO: 10
141 <211> LENGTH: 50
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
147 Oligonucleotides
149 <400> SEQUENCE: 10
150 aaacaatgtatctacattt attagtgcag atagataacc attgtttatc 50
153 <210> SEQ ID NO: 11
154 <211> LENGTH: 52
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
160 Oligonucleotides
162 <400> SEQUENCE: 11
163 agcataaaaaa aaggaagttaatagaatgt atcatctatc aaacttcggta ac 52
166 <210> SEQ ID NO: 12
167 <211> LENGTH: 60
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
173 Oligonucleotides
175 <400> SEQUENCE: 12
176 ccgggataaaa caatggtttat ctatctgcac taataaggta gataatcatt gtttttcag 60
179 <210> SEQ ID NO: 13
180 <211> LENGTH: 27
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186 Oligonucleotides
188 <400> SEQUENCE: 13
189 cgggatccaa tggaggaaaa tcacatg 27
192 <210> SEQ ID NO: 14
193 <211> LENGTH: 33
194 <212> TYPE: DNA
195 <213> ORGANISM: Artificial Sequence
197 <220> FEATURE:
198 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
199 Oligonucleotides
201 <400> SEQUENCE: 14
202 tcccccccggtt taggacaccaa tatccacttg tag 33
205 <210> SEQ ID NO: 15
206 <211> LENGTH: 39

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/600,392

DATE: 03/04/2002

TIME: 09:06:09

Input Set : A:\SEQ.LIST.app

Output Set: N:\CRF3\03042002\I600392.raw

207 <212> TYPE: DNA
208 <213> ORGANISM: Artificial Sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
212 Oligonucleotides
214 <400> SEQUENCE: 15
215 gactagttt gacaaataact ctatcaatga tagagtgtc 39
218 <210> SEQ ID NO: 16
219 <211> LENGTH: 26
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
225 Oligonucleotides
227 <400> SEQUENCE: 16
228 taatgatgtc tagatttagat aaaagt 26
231 <210> SEQ ID NO: 17
232 <211> LENGTH: 29
233 <212> TYPE: DNA
234 <213> ORGANISM: Artificial Sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
238 Oligonucleotides
240 <400> SEQUENCE: 17
241 cgggatcctt aagaccact ttcacattt 29
244 <210> SEQ ID NO: 18
245 <211> LENGTH: 62
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
251 Oligonucleotides
253 <400> SEQUENCE: 18
254 ctagacatca ttaattccctc ctttttgtg acactctatc attgatagag ttatttgtca 60
255 aa 62
258 <210> SEQ ID NO: 19
259 <211> LENGTH: 60
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
265 Oligonucleotides
267 <400> SEQUENCE: 19
268 ctagtttgac aaataactct atcaatgata gtgtcaacaa aaaggaggaa ttaatgatgt 60
271 <210> SEQ ID NO: 20
272 <211> LENGTH: 46
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/600,392

DATE: 03/04/2002

TIME: 09:06:09

Input Set : A:\SEQ.LIST.app
Output Set: N:\CRF3\03042002\I600392.raw

277 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
278 Oligonucleotides
280 <400> SEQUENCE: 20
281 ctagttttt atttgtcgag ttcatgaaaa actaaaaaaaa attgac 46
284 <210> SEQ ID NO: 21
285 <211> LENGTH: 37
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
291 Oligonucleotides
293 <400> SEQUENCE: 21
294 ttttttttag tttttcatga actcgacaaa taaaaaaaa 37
297 <210> SEQ ID NO: 22
298 <211> LENGTH: 42
299 <212> TYPE: DNA
300 <213> ORGANISM: Artificial Sequence
302 <220> FEATURE:
303 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
304 Oligonucleotides
306 <400> SEQUENCE: 22
307 actcttatcat tgataagaga taattaaaaat aaaaaaagctg ca 42
310 <210> SEQ ID NO: 23
311 <211> LENGTH: 40
312 <212> TYPE: DNA
313 <213> ORGANISM: Artificial Sequence
315 <220> FEATURE:
316 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
317 Oligonucleotides
319 <400> SEQUENCE: 23
320 acatacgcac gcgaattctt aaaattccctt cattacactc 40
323 <210> SEQ ID NO: 24
324 <211> LENGTH: 43
325 <212> TYPE: DNA
326 <213> ORGANISM: Artificial Sequence
328 <220> FEATURE:
329 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
330 Oligonucleotides
332 <400> SEQUENCE: 24
333 gcttttttat tttaattata ctctatcaat gatagagtgt caa 43
336 <210> SEQ ID NO: 25
337 <211> LENGTH: 30
338 <212> TYPE: DNA
339 <213> ORGANISM: Artificial Sequence
341 <220> FEATURE:
342 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
343 Oligonucleotides
345 <400> SEQUENCE: 25
346 aactgcagta atatcgagg gtttattttg 30

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/600,392

DATE: 03/04/2002
TIME: 09:06:10

Input Set : A:\SEQ.LIST.app
Output Set: N:\CRF3\03042002\I600392.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application Number
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date